

WHAT IS CLAIMED IS:

1. A motor comprising:
a casing made of a magnetic material for housing a rotor and a coil wherein side surfaces of said casing have openings;
said openings being closed by said magnetic plates that are thinner than the thickness of the material of said casing.
2. The motor as set forth in Claim 1 wherein said openings are provided at least on facing side surfaces of said casing.
3. The motor as set forth in Claim 1 wherein said magnetic plates are made of permalloy.
4. The motor as set forth in Claim 1 wherein said magnetic plates are provided with an extended portion and a spring for transmitting a force in the motor axial direction wherein said extended portion extends from a side surface of the casing and is bent along the bottom until it reaches the end of the rotor's rotary shaft of the rotor, said spring being made by cutting and raising a part of the extended portion.